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Inside Wallops

Science Data is Far More Rich Than Imagined

by Gregory D. Earle, Assistant Director
William B. Hanson Center for Space Sciences
The University of Texas

I am pleased to report that my science team and I have recently completed our preliminary investigation of the results from missions 27.144, 41.036, 41.037 and 41.038 (TMA releases launched from Wallops Island June 29 and 30, 2003).



Photo by J. Mason-Foley

Nighttime clouds formed by Dr. Earle's TMA releases.

This includes the inspection of results from all the TMA trails, the four impedance probes furnished by Utah State University, the Wallops digisonde data and the three instruments furnished by the University of Texas at Dallas.

I have concluded that *all four* of the rockets successfully penetrated both sporadic E and intermediate layers..... Data indicates that all of the instruments and systems functioned as designed on each of the rockets...

The overall mission was very complex from a logistical standpoint and was complicated by slips in the schedule. Successful achievement of all our science goals is even more remarkable because of these difficulties.

I would be remiss if I did not acknowledge the outstanding efforts of the entire team in making this mission successful.

Tracy Gibb did a fine job of pushing the team to its limits and also knowing when it was best not to push too hard.

Jay Brown was extremely helpful during launch operations.

The following should be acknowledged for their individual contributions to our team's success: Eric Johnson, Brian Hall, Roger Mason, Jeff Cain, Brian Rose and Bernita Justis.

Each time I am involved in a rocket project, I am reminded of how helpful, versatile and competent are the special people who work at Wallops.

This is particularly apparent to those of us who have worked on manned shuttle missions and satellite programs.

The can-do attitude at Wallops continues to impress me, and I hope to have many more opportunities to work together in the future.

Thanks NASA, NSROC and CSOC Team

by Jess F. Granone, Director
Space and Missile Defense Technical Center

Thanks to the NASA, NRSROC, and CSOC teams for their contribution to the successful execution of the Advanced Systems (Red Dog) Flight Tests.

During final testing of the Flight 1B payload, it was discovered that the wiring to deploy two of the experiments was reversed.

The outstanding support of the team (below) in identifying, rewiring, and retesting of the payload was critical to the success of these missions. Their dedicated contributions provided critical insight for future Ballistic Missile Defense System development and testing.

Red Dog Team: Rod Corson, Tom Marino, Chris Bradley, Bunky Halter, Larry Rovin, Ted Gass, Greg Ellis, Reggie Justice, Harold Cherrix, Dave Smith, Don Langley, Reggie Wessells, and Charlie Lankford

Wallops Shorts.....

In the News

Eastern Shore News

"NASA Workshop for Teachers"

Eastern Shore News

"College Students Ready for NASA Rocket Launch"

The American Gardener Magazine of the American Horticultural Society

"Seeds Launched into Space to Initiate "The Growing Connection"

Space News

"NASA Centers Along East Coast Brace for Hurricane Isabel"

Richmond Times Dispatch

"Isabel Bears Down, Va. Power Warns of Outages"

TV Coverage

WBOC Channel 16 – Salisbury

WMDT Channel 47 – Salisbury

NBC broadcast live from Wallops Island on the Today Show

MSNBC broadcast live from Wallops Island

Balloon Launches

Two NASA scientific balloons carrying upper atmosphere research payloads were recently launched from Ft. Sumner, N.M. The first launch of a four million cubic foot balloon was on September 16. Dr. James Margitan, of NASA's Jet Propulsion Laboratory (JPL) was the principal investigator. Total flight time was 5 hours, 24 minutes.

The second launch of a 29.47 million cubic foot balloon occurred on September 19. Drs. Geoffrey Toon and Herbert Pickett, JPL, were the principal investigators. Total flight time was 21 hours, 13 minutes.

Hurricane Isabel

As Hurricane Isabel approached the East Coast, NASA employees made preparations by securing facilities on Wallops Island and the Main Base. The Facility was closed on Thursday and Friday.

Preliminary indications are that Wallops Island and the Main Base suffered only minor damage.





American Heritage Week Celebration
October 6 – 9
Celebrating Our Eastern Shore Heritage

Wallops Day — Tuesday, October 7
10 a.m. to noon in Building D10, Gym

- Greetings by Senior Management
- Music – Voices of Wallops
- Employee Recognition
- Center Director’s Colloquium with Lauren Nile
“How Can We Co-Create an Inclusive Environment”

11:30 a.m. to 2:30 p.m. in the Building N-159 Hangar

Various Arts, Crafts and Food Vendors

Entertainment will include:

- Thom Arceneaux, Guitar
- Mike Hooks, Mike Martone and Owen Hooks, Music
- Dennis Cope, Music
- Holly Grove Honors Choir
- Malcolm & Carol Russ, Music
- Jon White, Magician
- NASA Security Office Demonstration

New Time and Recording System Coming
November 30

Goddard Space Flight Center (GSFC) will transition from OMNI to the Agency’s new standard time and recording system, WebTADS, on November 30 as a necessary prerequisite for the NASA and Office of Personnel Management ePayroll initiative.

This change will standardize time and attendance systems across NASA and allow the Agency to move towards implementing a comprehensive, multi-component personnel and payroll system that includes payroll, time recording, personnel management and labor costing.

This change will not greatly affect most GSFC employees using OMNI, who will continue to enter their time electronically, albeit in a new system.

Web-based training will be offered in October and November on how to enter time in WebTADS in order to prepare the average GSFC employee for this change.

Timekeepers in OMNI will become Points of Contact (POCs) in WebTADS, meaning they will assist users in the transition and in the use of the system. This assistance includes setting up time schedules and helping users overcome time entry problems.

Supervisors will be required to approve their employees’ timecards electronically (rather than in paper form).

Training at Wallops -- September 25 1 to 3 p.m., Building E-104, Assateague Room.

Centennial of Flight Milestone

74 years ago on September 24, Lt. Jimmy Doolittle made the first instrument only flight.

74 years ago on September 30, Fritz von Opel flew the first rocket powered glider.

Training Opportunities

A training schedule for Wallops Flight Facility (WFF) is maintained on Meeting Maker. Any WFF employee with Meeting Maker can access the calendar.

Most WFF training also is included in the overall GSFC Training Calendar that is located on the Office of Human Resources web page: <http://ohr.gsfc.nasa.gov/DevGuide/Calendar/home.htm>

Periodic reminders of upcoming training are also sent to WFF employees by e-mail. Civil Servants must submit a training request found on the OHR web page: <http://ohr.gsfc.nasa.gov/forms/GSFC/GSFC1792.doc> Contractors must submit a memo on company letterhead.

For further information contact Pat Dworske on x2394.

IFM Info Booth
September 25
11 a.m. – 1 p.m.
Building E-2 Lobby

The booth will be staffed by the IFM Projects Office Chief, the IFM Change Management Lead, and key members from the following projects: Core Financial (including Business Warehouse reporting), Budget Formulation, ePayroll, and Full Cost.

IFMP Work Shops

The following work shops for NASA’s Integrated Financial Management Program are scheduled:

September 25 – 9 a.m. to noon
Bldg. D-1, Room S-214
P-Card reconciling; SAP and BW issues will be covered as well

September 30 – 9 a.m. to noon
Bldg. D-1, Room S-214
BW and SAP Reports; SAP and P-Card issues will be addressed as needed.

Contact Kevin Tesler on x1321 for further information.

Inside Wallops is an official publication of Goddard Space Flight Center and is published by the Wallops Office of Public Affairs, Extension 1584, in the interest of Wallops employees. Recent and past issues of *Inside Wallops* may be found on the NASA Wallops Flight Facility homepage: www.wff.nasa.gov

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